



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 66854  
Application ID: 09587180  
Title of Invention: Virtual Heap for a Virtual Machine  
First Named Inventor: Bernard Traversat  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2000-06-02  
Effective Receipt Date: 2004-08-18  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 7222  
Attorney Docket Number: 5181-49700



**RECEIVED**

AUG 24 2004

Technology Center 2100


Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 501505  
Deposit Account Name: Robert Kowert  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-08-18  
RAM Sequence Number: 37

Digital Certificate Holder: cn=Robert C. Kowert,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: e33222fab5b1188b2a093c9172cdc4c243c2097



TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	Virtual Heap for a Virtual Machine															
<div>Application Number: 09/587180</div> <div>Date: 2000-06-02</div> <div>First Named Applicant: Bernard A Traversat</div> <div>Confirmation Number: 7222</div> <div>Attorney Docket Number: 5181-49700</div> <div></div> <div><b>RECEIVED</b> AUG 24 2004 Technology Center 2100</div>																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Robert Kowert Registered Number: 39255</td><td>Robert Kowert</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Robert Kowert Registered Number: 39255	Robert Kowert	Attorney								
Submitted by:	Elec. Sign.	Sign. Capacity														
Robert Kowert Registered Number: 39255	Robert Kowert	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>IDS8-18-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>IDS8-18-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-fee-sheet	IDS8-18-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd	us-ids	IDS8-18-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files															
us-fee-sheet	IDS8-18-usfees.xml															
	us-fee-sheet.xsl															
	us-fee-sheet.dtd															
us-ids	IDS8-18-usidst.xml															
	us-ids.dtd															
	us-ids.xsl															

Comments

**FEE TRANSMITTAL**

Electronic Version v08  
Stylesheet Version v08.0

<b>Title of Invention</b>	Virtual Heap for a Virtual Machine										
Application Number: 09/587180											
Date: 2000-06-02		<b>RECEIVED</b> AUG 24 2004 Technology Center 2100									
First Named Applicant: Bernard A Traversat											
Attorney Docket Number: 5181-49700											
Art Unit: 2188											
Examiner: Thang H Ho											
<b>TOTAL FEE AUTHORIZED \$180</b>											
Patent fees are subject to annual revisions on or about October 1st of each year.											
<b>BASIC FILING FEE</b>											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
<b>AUTHORIZED BILLING INFORMATION</b>											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 501505											
Access Code *****											
Deposit name: Meyertons, Hood, Kivlin, Kowert, Goetzel, P.C.											
Deposit authorized name: Robert Kowert											
Signature: Robert Kowert											
Date (YYYYMMDD): 2004-08-18											
Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.											



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

Virtual Heap for a Virtual Machine

Application Number: 09/587180

Confirmation Number: 7222

First Named Applicant: Bernard Traversat

Attorney Docket Number: 5181-49700

Art Unit: 2188

Examiner: Thang H Ho

Search string: ( 4843541 or 6760815 or 6070173 or 6345276  
or 6178519 or 6629113 or 6763440 or 4989131  
or 5692192 or 6442663 or 5745703 or 5832529  
or 5109486 or 6496871 or 6421739 or 6480862  
or 4742447 or 6622263 or 5802267 or 6694346  
or 5682535 or 6629113 or 5751613 or 6256637  
or 5822590 or 6094528 ).pn.



RECEIVED

AUG 24 2004

Technology Center 2100

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4843541	1989-06-27	Bean et al			
	2	6760815	2004-07-06	Slaughter et al			
	3	6070173	2000-05-30	Huber et al			
	4	6345276	2002-02-05	Lee			
	5	6178519	2001-01-23	Tucker			
	6	6629113	2003-09-30	Lawrence			
	7	6763440	2004-07-13	Traversat et al			
	8	4989131	1991-01-29	Shaw			
	9	5692192	1997-11-25	Sudo			
	10	6442663	2002-08-27	Sun et al			
	11	5745703	1998-04-28	Cejtin et al			
	12	5832529	1998-11-03	Wollrath et al			
	13	5109486	1992-04-28	Seymour			

	14	6496871	2002-12-17	Jagannathan et al
	15	6421739	2002-07-16	Holiday
	16	6480862	2002-11-12	Gall
	17	4742447	1988-05-03	Duvall et al
	18	6622263	2003-09-16	Stiffler et al
	19	5802267	1998-09-01	Shirakihara et al
	20	6694346	2004-02-17	Aman et al
	21	5682535	1997-10-28	Knudsen
	22	6629113	2003-09-30	Lawrence
	23	5751613	1998-05-12	Doty et al
	24	6256637	2001-07-03	Venkatesh et al
	25	5822590	1998-10-13	Gupta
	26	6094528	2000-07-25	Jordan

**RECEIVED**

AUG 24 2004

Technology Center 2100

Signature

Examiner Name	Date